

ABSTRACT OF THE DISCLOSURE

Processes are disclosed for producing plastic containers from thermoplastic sheets where the thermoplastic sheets are processed in parallel to form a low permeation plastic container. A plurality of thermoplastic sheets are progressively heated to a first temperature in a pre-conditioning stage. A group of the thermoplastic sheets are selected from the plurality of thermoplastic sheets and rapidly heated to a second temperature in a final heat stage. The group of thermoplastic sheets are then processed in a forming stage to form the low permeation plastic container.